Appl. No. 10/051,353
Amdt. dated July 5, 2007
Reply to Office Action of April 5, 2007

Remarks

The present amendment responds to the Official Action dated April 5, 2007. The Official

Action rejected claims 1-23 under 35 U.S.C. 102(e) based on Sawaguchi U.S. Patent No.

6,931,538 (Sawaguchi).

This ground of rejection is addressed below. Claims 1, 6-10, 12-15, and 20-23 have been

amended to be more clear and distinct. Claims 1-23 are presently pending.

The Art Rejections

The art rejection hinges on the application of Sawaguchi, standing alone. As addressed in

greater detail below, Sawaguchi does not support the Official Action's reading of it and the

rejections based thereupon should be reconsidered and withdrawn. Further, the Applicant does

not acquiesce in the analysis of Sawaguchi made by the Official Action and respectfully traverses

the Official Action's analysis underlying its rejections.

The Official Action rejected claims 1-23 under 35 U.S.C. 102(e) based on Sawaguchi. In

light of the present amendments to claims 1, 6-10, 12-15, and 20-23, this ground of rejection is

respectfully traversed.

Claim 1, as amended, addresses a method of operating a self service terminal (SST). The

method comprises the steps of detecting one or more characteristics relating to device capabilities

and user preferences of a user of a mobile computing device in the vicinity of an SST, and

configuring an SST user interface to accommodate detected device capabilities and user

preferences. These limitations in the claimed combination are not taught and are not made

obvious by Sawaguchi. Sawaguchi teaches systems and techniques for user identification using a

portable communication device, and teaches the use of a portable device to communicate

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authentication and user information, such as stored value information or financial information, to a terminal.

However, Sawaguchi does not teach adapting a user interface of a self service terminal to accommodate detected device capabilities and user preferences. By adapting the user interface of the terminal to accommodate detected device capabilities of a mobile computing device in the vicinity of the terminal, the invention as claimed by claim 1 provides for a more convenient experience for the user, allowing the mobile computing device to serve in information exchange as its capabilities dictate and allowing convenient storage of user preferences so that the interface can be adapted in accordance with those preferences. Claim 1, as amended, therefore defines over the cited art and should be allowed.

Claim 6, as amended, claims a method of operating a self service terminal (SST), the method comprising the steps of detecting selected capabilities of a mobile computing device in the vicinity of an SST and selecting features of a user interface to be presented to a user dependent on the detected capabilities of the mobile computing device. The features of the user interface are adapted so as to accommodate the detected capabilities of the mobile computing device. These limitations in the claimed combination are not taught and are not made obvious by Sawaguchi, which does not teach adapting a user interface so as to accommodate detected capabilities of a mobile computing device within the vicinity of a self service terminal. Claim 6, as amended, therefore defines over the cited art and should be allowed.

Claim 7, as amended, addresses a method of operating a self service terminal (SST). The method comprises the steps of detecting a mobile computing device and the identity of a user thereof in the vicinity of an SST, retrieving a user profile associated with the identity, and

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selecting features of a user interface to be presented to a user dependent on the user profile so that choices and options are presented to the user based on user preferences as indicated in the user profile. These limitations in the claimed combination are not taught and are not made obvious by Sawaguchi, which uses stored user information for identification and for authentication, but does not teach the user of a user profile including user preference information to adapt an interface so that choices and options are presented to the user based on those preferences. Claim 7, as amended, therefore defines over the cited art and should be allowed.

Claim 8, as amended, addresses a method of operating a self service terminal (SST). The method comprises the steps of detecting a characteristic of a mobile computing device in the vicinity of an SST while the SST is interacting with a third party also in the vicinity of the SST, selecting features of a user interface to be presented to a user dependent on the characteristic, and presenting a selected user interface to a user once the third party has ceased interacting with the SST. These features are not taught and are not made obvious by Sawaguchi. In the relied upon text, Sawaguchi teaches a use of an automated system for communication with a remote user, such as a representative of a service company being notified of an emergency, and that the person in the vicinity of the automated system may interact with the system once the remote user has finished. The present invention, as claimed by claim 8, allows for detection of a mobile device in the vicinity of an SST while a user in the vicinity of the SST, rather than a remote user, is interacting with the SST. This allows for more efficient queuing, as the SST is able to prepare to use the information stored in the mobile computing device to prepare the interaction with the user of the mobile computing device.

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Claim 9, as amended, addresses a self service terminal (SST) comprising a configurable

user interface, means for detecting one or more of device capabilities and stored user preferences

characterizing a mobile computing device in the vicinity of the SST, and means for determining

the configuration of the user interface to be presented so as to accommodate the device

capabilities and user preferences. Claim 9, as amended, defines over the cited art on the same

basis as claim 1, as amended.

Claim 10, as amended, addresses a self-service terminal comprising a configurable user

interface, means for detecting at least one characteristic relating to information display

capabilities of a mobile computing device in the vicinity of the self-service terminal, and means

for configuring the user interface based upon the detected characteristic of the mobile computing

device so as to accommodate the information display capabilities of the mobile computing

device. These features are not taught and are not made obvious by Sawaguchi, which does not

teach adapting a self service terminal to accommodate detected capabilities of a mobile

computing device in the vicinity of the self service terminal. Claim 10, as amended, therefore

defines over the cited art and should be allowed.

Claim 12, as amended, addresses a self-service terminal comprising a user interface,

means for <u>detecting selected information display capabilities of</u> a mobile computing device in the

vicinity of the self-service terminal, and means for selecting features of the user interface to be

presented to a user based upon the detected capabilities of the mobile computing device

(emphasis added). These features are not taught and are not made obvious by Sawaguchi, which

does not address adapting a user interface based on display capabilities of a mobile device in the

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vicinity of a self service terminal. Claim 12, as amended, therefore defines over the cited art and should be allowed.

Claim 13, as amended, addresses a self-service terminal comprising a user interface, means for detecting a mobile computing device and the identity of a user thereof in the vicinity of the self-service terminal, means for retrieving a user profile associated with the identity of the user, the user profile including user preferences, and means for selecting features of the user interface to be presented to the user based upon the retrieved user profile, in order to adapt the selection and ordering of features to be presented to user preferences stored in the user profile. Claim 13, as amended, defines over the cited art on the same basis as claim 7, as amended.

Claim 14, as amended, addresses a self-service terminal comprising a user interface, means for detecting a characteristic of a mobile computing device in the vicinity of self-service terminal while the self-service terminal is interacting with a third party in the vicinity of the self-service terminal, means for selecting features of the user interface to be presented to a user based upon the detected characteristic, and means for presenting the selected features of the user interface to the user once the third party has ceased interacting with the self-service terminal. Claim 14, as amended, defines over the cited art on the same basis as claim 8, as amended.

Claim 15, as amended, addresses an automated teller machine (ATM) comprising an ATM customer interface including a currency dispenser for dispensing currency to an ATM customer, means for detecting one or more of device capabilities and stored user preferences characterizing a mobile computing device in the vicinity of the ATM, and means for configuring the ATM customer interface based upon the device capabilities and user preferences of the

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mobile computing device. Claim 15, as amended, defines over the cited art on the same basis as claim 1, as amended.

Claim 20, as amended, addresses 20 an automated teller machine (ATM) comprising an ATM customer interface including a currency dispenser for dispensing currency to an ATM customer, means for detecting selected information display capabilities of a mobile computing device in the vicinity of the ATM, and means for selecting features of the ATM customer interface to be presented to an ATM customer based upon the detected capabilities of the mobile computing device. Claim 20, as amended, defines over the cited art on the same basis as claim 12, as amended.

Claim 21, as amended, addresses an automated teller machine (ATM) comprising an ATM customer interface including a currency dispenser for dispensing currency, means for detecting a mobile computing device and the identity of an ATM customer carrying the mobile computing device in the vicinity of the ATM, means for retrieving a customer profile associated with the identity of the ATM customer, and means for selecting features of the ATM customer interface to be presented to the ATM customer based upon the retrieved customer profile so that choices and options are presented to the user based on user preferences as indicated in the customer profile. Claim 21, as amended, defines over the cited art on the same basis as claim 7, as amended.

Claim 22, as amended, addresses an automated teller machine (ATM) comprising an ATM customer interface including a currency dispenser for dispensing currency, means for detecting a characteristic of a mobile computing device in the vicinity of the ATM while the ATM is interacting with a third party in the vicinity of the ATM, means for selecting features of

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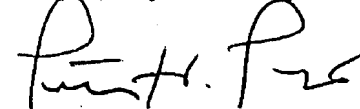Reply to Office Action of April 5, 2007

the ATM customer interface to be presented to an ATM customer based upon the detected

characteristic, and means for presenting the selected features of the ATM customer interface to

the ATM customer once the third party has ceased interacting with the ATM. Claim 22, as

amended, defines over the cited art on the same basis as claim 8, as amended.

Claim 23, as amended, addresses an automated teller machine (ATM) comprising a

configurable ATM customer interface including a currency dispenser for dispensing currency to

an ATM customer, means for detecting a characteristic relating to information display

capabilities of a mobile computing device in the vicinity of the ATM, and means for determining

the configuration of the ATM customer interface to be presented to an ATM customer based

upon the detected characteristic of the mobile computing device in the vicinity of the ATM so as

to accommodate the information display capabilities of the mobile computing device. Claim 23,

as amended, defines over the cited art on the same basis as claim 10, as amended.

Conclusion

All of the presently pending claims, as amended, appearing to define over the applied

references, withdrawal of the present rejection and prompt allowance are requested.

Respectfully submitted,

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